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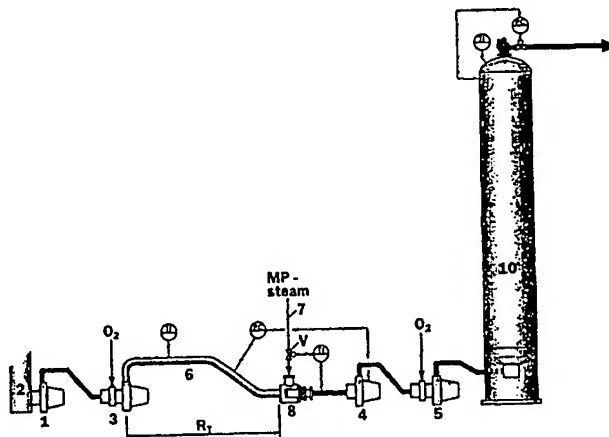
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(54) Title: SYSTEM AND PROCESS FOR THE OXYGEN DELIGNIFICATION OF PULP CONSISTING OF LIGNOCELLU-
LOSE-CONTAINING MATERIAL



(57) Abstract: The invention relates to a system and a process for the oxygen delignification of pulp which consists of ligno-cellulose-containing material and whose mean concentration is 8-18 % pulp consistency, in at least two stages. The invention is characterized in that oxygen delignification takes place in a process sequence consisting of: a first lamp (1), followed by a first oxygen mixer (3), followed by a first delignification zone (6) and, directly afthat, followed by a second steam mixer (8), followed by a second pump (4), followed by a third oxygen mixer (5) and, finally, a second delignification zone (10). This makes it possible, in an industrial process, to exploit the kinetics of oxygen delignification optimally in order to obtain selective oxygen delignification at low installation cost and low operating cost, even if only low-pressure steam is available.

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